

Title (en)
TRACEABLE LABELING MACHINE FOR CONTAINERS OF BIOLOGICAL PRODUCTS

Title (de)
VERFOLGBARE MARKIERUNGSMASCHINE FÜR BEHÄLTER VON BIOLOGISCHEN PRODUKTEN

Title (fr)
MACHINE D'ÉTIQUETAGE TRAÇABLE POUR RÉCIPIENTS DE PRODUITS BIOLOGIQUES

Publication
EP 3637108 B1 20230920 (EN)

Application
EP 19206307 A 20130114

Priority
• IT MI20120044 A 20120117
• EP 13705585 A 20130114
• IB 2013050338 W 20130114

Abstract (en)
[origin: WO2013108169A1] An apparatus for identifying a patient and marking containers of biological products or test tubes (13) associated with said patient before collecting said biological products to be analyzed is described, comprising a high security portable hardware device (1) for processing and storing the patient's data capable of associating the patient's personal data and biometric data, a reading and patient biometric recognition device (2) of said portable hardware device, a personal computer (4) interacting with an operator and connected to a local communications network (50) for exchanging information with remote data storage means (3), one or more computerized labeling machines (5) of test tubes (13), each comprising a printer (11) of barcodes onto labels (10) adapted to receive printing commands after comparing expected and detected specimens (13) accommodated in a positioning and recognition device (12) supported by said labeling machine (5) and applying said labels (10) to said test tubes (13). Each of said labeling machines (5) comprises a processing and control board (6) provided with a univocal address within said local communications network (50), which can be recalled by said operator by typing into a browser of said personal computer (4), said processing and control board (6) being capable of exchanging information with said remote data storage means (3) and with said personal computer (4), and on the basis of said information, as well as that received after said comparison operated by said positioning and recognition device (12), of sending said print commands to said printer (11) included in said labeling machine.

IPC 8 full level
G01N 35/00 (2006.01)

CPC (source: EP RU US)
A61B 5/00 (2013.01 - RU); **G01N 35/00732** (2013.01 - EP US); **G06F 3/1222** (2013.01 - US); **G06F 3/1236** (2013.01 - US); **G06F 3/1286** (2013.01 - US); **G06F 18/00** (2023.01 - RU); **G06K 15/024** (2013.01 - US); **G06K 15/4045** (2013.01 - US); **G06K 15/4095** (2013.01 - US); **G16H 10/40** (2018.01 - EP US)

Citation (examination)
EP 2313333 B1 20121128 - INPECO IP LTD [MT]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2013108169 A1 20130725; AU 2013210715 A1 20140814; AU 2013210715 B2 20151126; BR 112014017644 A2 20170620; BR 112014017644 A8 20170711; BR 112014017644 B1 20201215; CN 104053996 A 20140917; CN 104053996 B 20160217; EP 2805170 A1 20141126; EP 2805170 B1 20200101; EP 3637108 A1 20200415; EP 3637108 B1 20230920; EP 4242666 A2 20230913; EP 4242666 A3 20231115; ES 2765175 T3 20200608; ES 2960563 T3 20240305; IT MI20120044 A1 20130718; JP 2015513499 A 20150514; JP 6133897 B2 20170524; RU 2014133554 A 20160310; RU 2637151 C2 20171130; US 2015002867 A1 20150101; US 9519847 B2 20161213

DOCDB simple family (application)
IB 2013050338 W 20130114; AU 2013210715 A 20130114; BR 112014017644 A 20130114; CN 201380005708 A 20130114; EP 13705585 A 20130114; EP 19206307 A 20130114; EP 23183816 A 20130114; ES 13705585 T 20130114; ES 19206307 T 20130114; IT MI20120044 A 20120117; JP 2014551719 A 20130114; RU 2014133554 A 20130114; US 201314372931 A 20130114